

FORM PTO-1449
(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
D0304 NP
APPLICATION NO.

10/541749

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
AMLER ET AL.
FILING DATE
JULY 7, 2005

Group

U.S. RELATED PATENT APPLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
/AMG/	AA	60/535,151	1/7/04	Clark et al.			
/AMG/	AB	60/556,903	3/26/04	Ford et al.			
/AMG/	AC	60/568,073	5/4/04	Huang et al.			

U.S. PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
/AMG/	AD	4,943,533	7/24/90	Mendelsohn et al.			
/AMG/	AE	5,196,446	3/23/93	Levitzki et al.			
/AMG/	AF	5,558,864	9/24/96	Bendig et al.			
/AMG/	AG	5,569,588	10/29/96	Ashby et al.			
/AMG/	AH	5,616,582	4/1/97	Barker			
/AMG/	AI	5,646,153	7/8/97	Spada et al.			
/AMG/	AJ	5,656,655	8/12/97	Spada et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
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	AL						<input type="checkbox"/>	<input type="checkbox"/>
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

/AMG/	AP	Agrawal, D. et al., "Osteopontin Identified as Lead Marker of Colon Cancer Progression, Using Pooled Sample Expression Profiling", Journal of the National Cancer Institute, Vol. 94, No. 7, pp. 513-521 (2002)
/AMG/	AQ	Alizadeh, A.A. et al., "Distinct types of diffuse large B-cell lymphoma identified by gene expression profiling", Nature, Vol. 403, pp. 503-511 (2000)
/AMG/	AR	Alon, U. et al., "Broad patterns of gene expression revealed by clustering analysis of tumor and normal colon tissues probed by oligonucleotide arrays", Proc. Natl. Acad. Sci. USA, Vol. 96, pp. 6745-6750 (1999)

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/AMG/	2AA	5,679,683	10/21/97	Bridges et al.			
/AMG/	2AB	5,891,996	4/6/99	Mateo de Acosta del Rio et al.			
/AMG/	2AC	6,235,883	5/22/01	Jakobovits et al.			
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	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

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/AMG/	2AR	Birkenkamp-Demtroder, K. et al., "Gene Expression in Colorectal Cancer", Cancer Research, Vol. 62, pp. 4352-4363 (2002)
/AMG/	2AS	Bittner, M. et al., "Molecular classification of cutaneous malignant melanoma by gene expression profiling", Nature, Vol. 406, pp. 536-540 (2000)
/AMG/	2AT	Blanchard, A.P. et al., "Sequence to array: Probing the genome's secrets", Nature Biotechnology, Vol. 14, p. 1649 (1996)

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Sheet 3 of 6

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	3AB	Buckhaults, P. et al., "Secreted and Cell Surface Genes Expressed in Benign and Malignant Colorectal Tumors", Cancer Research, Vol. 61, pp. 6996-7001 (2001)
	3AC	Cancer Prevention & Early Detection: Facts & Figures, American Cancer Society, Inc., publ. (2004)
	3AD	Carlinfante, G. et al., "Differential expression of osteopontin and bone sialoprotein in bone metastasis of breast and prostate carcinoma", Clinical & Experimental Metastasis, Vol. 20, pp. 437-444 (2003)
	3AE	Chepenik, K.P. et al., "Epidermal Growth Factor Coordinately Regulates the Expression of Prostaglandin G/H Synthase and Cytosolic Phospholipase A ₂ Genes in Embryonic Mouse Cells", The Journal of Biological Chemistry, Vol. 269, No. 34, pp. 21786-21792 (1994)
	3AF	Cockett, M. et al., "Applied genomics: integration of the technology within pharmaceutical research and development", Current Opinion in Biotechnology, Vol. 11, pp. 602-609 (2000)
	3AG	Dosaka-Akita, H. et al., "Frequent Loss of Gelsolin Expression in Non-Small Cell Lung Cancers of Heavy Smokers", Cancer Research, Vol. 58, pp. 322-327 (1998)
	3AH	Eisen, M.B. et al., "Cluster analysis and display of genome-wide expression patterns", Proc. Natl. Acad. Sci. USA, Vol. 95, pp. 14863-14868 (1998)
	3AI	Fry, D.W. et al., "A Specific Inhibitor of the Epidermal Growth Factor Receptor Tyrosine Kinase", Science, Vol. 265, pp. 1093-1095 (1994)
	3AJ	Furuuchi, K. et al., "Gelsolin as a suppressor of malignant phenotype in human colon cancer", Tumor Targeting, Vol. 2, pp. 277-283 (1996)
	3AK	Glinsky, G.V. et al., "Gene expression profiling predicts clinical outcome of prostate cancer", The Journal of Clinical Investigation, Vol. 113, No. 6, pp. 913-923 (2004)
	3AL	Golub, T.R. et al., "Molecular Classification of Cancer: Class Discovery and Class Prediction by Gene Expression Monitoring", Science, Vol. 286, pp. 531-537 (1999)
	3AM	Grady, W.M. et al., "Genetic and Epigenetic Alterations in Colon Cancer", Annu. Rev. Genomics Hum. Genet., Vol. 3, pp. 101-128 (2002)
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	4AB	Khan, J. et al., "Classification and diagnostic prediction of cancers using gene expression profiling and artificial neural networks", Nature Medicine, Vol. 7, No. 6, pp. 673-679 (2001)
	4AC	Khan, J. et al., "Gene Expression Profiling of Alveolar Rhabdomyosarcoma with cDNA Microarrays", Cancer Research, Vol. 58, pp. 5009-5013 (1998)
	4AD	Kim, J.C. et al., "Coexpression of Carcinoembryonic Antigen and E-cadherin in Colorectal Adenocarcinoma With Liver Metastasis", Journal of Gastrointestinal Surgery, Vol. 7, No. 7, pp. 931-938 (2003)
	4AE	Kitahara, O. et al., "Alterations of Gene Expression during Colorectal Carcinogenesis Revealed by cDNA Microarrays after Laser-Capture Microdissection of Tumor Tissues and Normal Epithelia", Cancer Research, Vol. 61, pp. 3544-3549 (2001)
	4AF	Lillien, L. et al., "BMP and FGF regulate the development of EGF-responsive neural progenitor cells", Development, Vol. 127, pp. 4993-5005 (2000)
	4AG	Lockhart, D.J. et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays", Nature Biotechnology, Vol. 14, pp. 1675-1680 (1996)
	4AH	Luo, L.-Y. et al., "Prognostic Value of Human Kallikrein 10 Expression in Epithelial Ovarian Carcinoma", Clinical Cancer Research, Vol. 7, pp. 2372-2379 (2001)
	4AI	Luo, L.-Y. et al., "The Serum Concentration of Human Kallikrein 10 Represents a Novel Biomarker for Ovarian Cancer Diagnosis and Prognosis", Cancer Research, Vol. 63, pp. 807-811 (2003)
	4AJ	Massi, D. et al., "Osteonectin Expression Correlates With Clinical Outcome in Thin Cutaneous Malignant Melanomas", Human Pathology, Vol. 30, No. 3, pp. 339-344 (1999)
	4AK	Miura, K. et al., "Solution structure of betacellulin, a new member of EGF-family ligands", Biochemical and Biophysical Research Communications, Vol. 294, pp. 1040-1046 (2002)
	4AL	Moriya, S. et al., "Differential expression of HSP90, gelsolin and GST- π in human gastric carcinoma cell lines", International Journal of Oncology, Vol. 5, pp. 1347-1351 (1994)
	4AM	Neibergs, H.L. et al., "Genetic Profiling of Colon Cancer", Journal of Surgical Oncology, Vol. 80, pp. 204-213 (2002)
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	5AB	Panek, R.L. et al., " <i>In Vitro</i> Pharmacological Characterization of PD 166285, a New Nanomolar Potent and Broadly Active Protein Tyrosine Kinase Inhibitor", The Journal of Pharmacology and Experimental Therapeutics, Vol. 283, No. 3, pp. 1433-1444 (1997)
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	5AD	Rich, J.N. et al., "Bone-related Genes Expressed in Advanced Malignancies Induce Invasion and Metastasis in a Genetically Defined Human Cancer Model", The Journal of Biological Chemistry, Vol. 278, No. 18, pp. 15951-15957 (2003)
	5AE	Schena, M. et al., "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray", Science, Vol. 270, pp. 467-470 (1995)
	5AF	Shipp, M.A. et al., "Diffuse large B-cell lymphoma outcome prediction by gene-expression profiling and supervised machine learning", Nature Medicine, Vol. 8, No. 1, pp. 68-74 (2002)
	5AG	Shvartsman, H.S. et al., "Overexpression of kallikrein 10 in epithelial ovarian carcinomas", Gynecologic Oncology, Vol. 90, pp. 44-50 (2003)
	5AH	Sonneveld, P., "Multidrug resistance in haematological malignancies", Journal of Internal Medicine, Vol. 247, pp. 521-534 (2000)
	5AI	Sørli, T. et al., "Gene expression patterns of breast carcinomas distinguish tumor subclasses with clinical implications", Proc. Natl. Acad. Sci. USA, Vol. 98, No. 19, pp. 10869-10874 (2001)
	5AJ	Tanaka, M. et al., "Gelsolin: A Candidate for Suppressor of Human Bladder Cancer", Cancer Research, Vol. 55, pp. 3228-3232 (1995)
	5AK	Theocharis, A.D., "Human colon adenocarcinoma is associated with specific post-translational modifications of versican and decorin", Biochimica et Biophysica Acta, Vol. 1588, pp. 165-172 (2002)
	5AL	Thomas, R. et al., "Differential Expression of Osteonectin/SPARC during Human Prostate Cancer Progression", Clinical Cancer Research, Vol. 6, pp. 1140-1149 (2000)
	5AM	Thompson, J. et al., "CGM2, a Member of the Carcinoembryonic Antigen Gene Family Is Down-regulated in Colorectal Carcinomas", The Journal of Biological Chemistry, Vol. 269, No. 52, pp. 32924-32931 (1994)
/AMG/	5AN	Thompson, J. et al., "Down-Regulation of Carcinoembryonic Antigen Family Member 2 Expression Is an Early Event in Colorectal Tumorigenesis", Cancer Research, Vol. 57, pp. 1776-1784 (1997)

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	6AB	Urquidí, V. et al., "Contrasting Expression of Thrombospondin-1 and Osteopontin Correlates with Absence or Presence of Metastatic Phenotype in an Isogenic Model of Spontaneous Human Breast Cancer Metastasis", Clinical Cancer Research, Vol. 8, pp. 61-74 (2002)
	6AC	van 't Veer, L.J. et al., "Gene expression profiling predicts clinical outcome of breast cancer", Nature, Vol. 415, pp. 530-536 (2002)
	6AD	Wands, J.R. et al., "High Affinity Monoclonal Antibodies to Hepatitis B Surface Antigen (HB _s Ag) Produced by Somatic Cell Hybrids", Gastroenterology, Vol. 80, No. 2, pp. 225-232 (1981)
	6AE	West, M. et al., "Predicting the clinical status of human breast cancer by using gene expression profiles", Proc. Natl. Acad. Sci. USA, Vol. 98, No. 20, pp. 11462-11467 (2001)
	6AF	Williams, N.S. et al., "Identification and Validation of Genes Involved in the Pathogenesis of Colorectal Cancer Using cDNA Microarrays and RNA Interference", Clinical Cancer Research, Vol. 9, pp. 931-946 (2003)
	6AG	Winston, J.S. et al., "Downregulation of gelsolin correlates with the progression to breast carcinoma", Breast Cancer Research and Treatment, Vol. 65, pp. 11-21 (2001)
	6AH	Xiong, M. et al., "Feature (Gene) Selection in Gene Expression-Based Tumor Classification", Molecular Genetics and Metabolism, Vol. 73, pp. 239-247 (2001)
	6AI	Yamashita, K. et al., "Clinical Significance of Secreted Protein Acidic and Rich in Cystein in Esophageal Carcinoma and its Relation to Carcinoma Progression", Cancer, Vol. 97, No. 10, pp. 2412-2419 (2003)
	6AJ	Yu, L.-R. et al., "Proteome alterations in human hepatoma cells transfected with antisense epidermal growth factor receptor sequence", Electrophoresis, Vol. 22, pp. 3001-3008 (2001)
	6AK	Yunes, M.J. et al., "Loss of Expression of the Putative Tumor Suppressor NES1 Gene in Biopsy-Proven Ductal Carcinoma <i>In Situ</i> Predicts for Invasive Carcinoma at Definitive Surgery", Int. J. Radiation Oncology Biol. Phys., Vol. 56, No. 3, pp. 653-657 (2003)
/AMG/	6AL	Zou, T.-T. et al., "Application of cDNA microarrays to generate a molecular taxonomy capable of distinguishing between colon cancer and normal colon", Oncogene, Vol. 21, pp. 4855-4862 (2002)
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